DataVault X4 Block Diagram (Fig. 1)

Cast Iron Case 1

2 On/Off Switch

3 Power Supply

4 Electronic Keyed Lock/Switch

5 Memory 1

6

7

8

9 Memory 2

10 Reset 1

11 CPU 1

12 CPU 2

13 Reset 2

14 Modem (Optional)

15 Smart Card Reader/Writer

16 Network Card 1

17 Network Card 2

18 Hard Drive 1

19 Hard Drive 2

20 3.5 Floppy/DVD Drive 1

21 3.5 Floppy/DVD Drive 2

22 Sound Card 1 (Optional)

23 Sound Card 2 (Optional)

24 Video Output 1

25 Video Output 2

26 Keyboard Mouse Control 1

27 Keyboard Mouse Control 2

28

29 S1

(KVM) Switch
External Digital Electronic Switch For Keyboard/Video/Mouse

S2 30

31 Keyboard

32 Monitor

33 Mouse

Unsecured Domain "U"

Motherboard 1

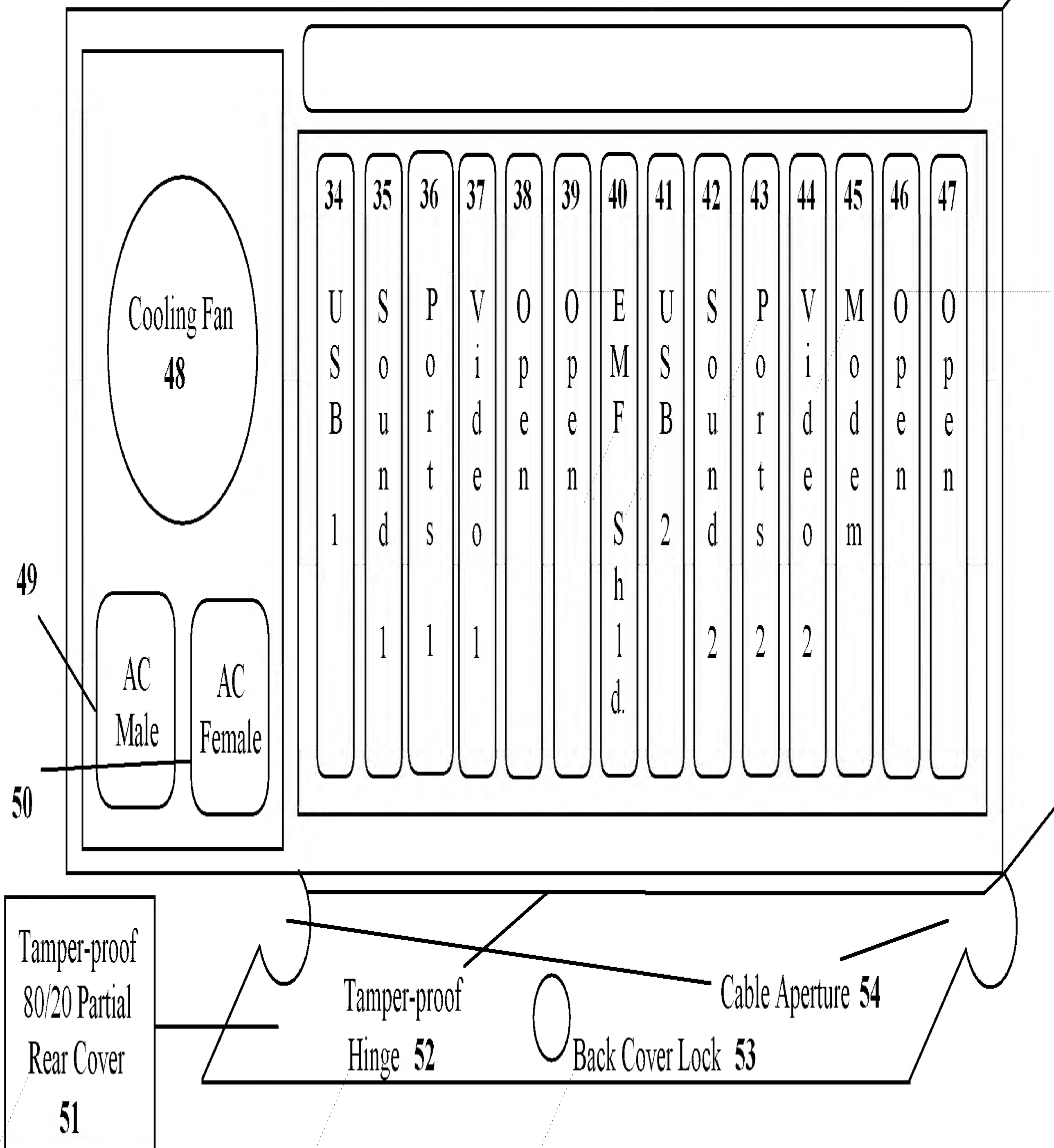
EMF Shield

Motherboard 2

Secured Domain "S"

External Rear View - DataVault X4 (Fig. 2)

Secure Hardware | Unsecured Hardware



External Front View - DataVault X4 (Fig. 3)

Electric Mechanical On/Off Keyed Switch **55**

Cooling Fan w/ Removable Air Filter **58**

Secure Reset **59**

LED Panel **61**

56 Smartcard Reader Writer

Unsecured Reset **62**

Removable Secure Hard Drive **57**

3.5 " Floppy DVD-CD ROM Secure Combo Drive 1 **60**

3.5 " Floppy DVD-CD ROM Unsecured Combo Drive 2 **63**

Tamper-proof Hinge **66**

Locking Front Cover **64**

Front Cover Lock **65**